Fig.1.

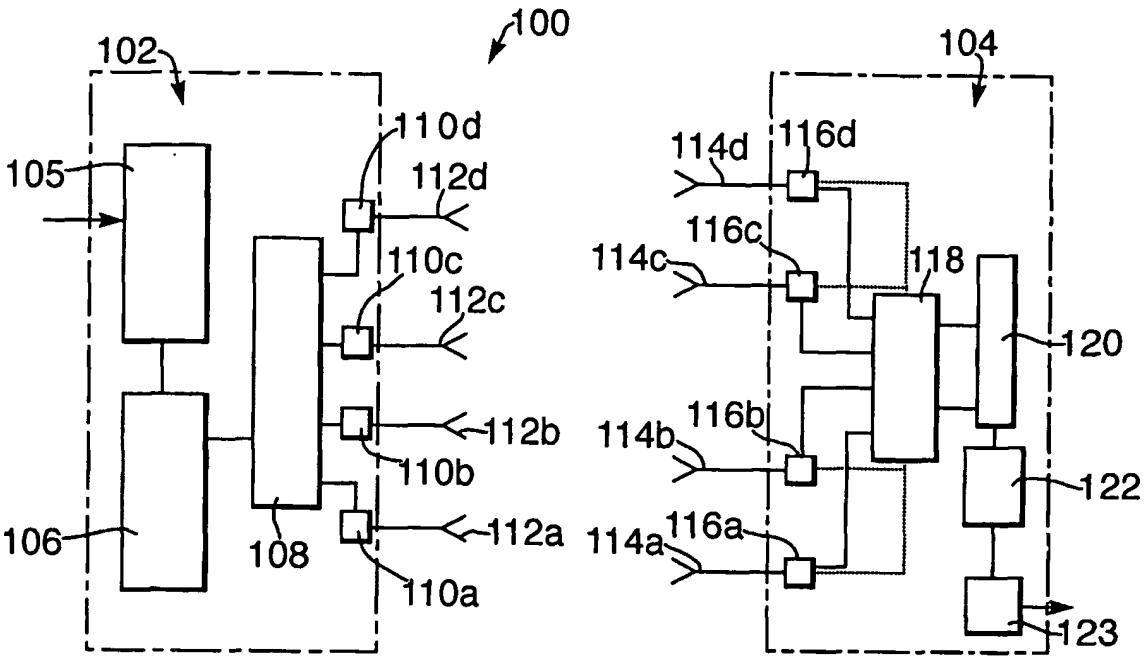

100
102
104
105
106
108
110a
110b
110c
110d
112a
112b
112c
112d
114a
114b
114c
114d
116a
116b
116c
116d
118
120
122
123

Fig.1a.

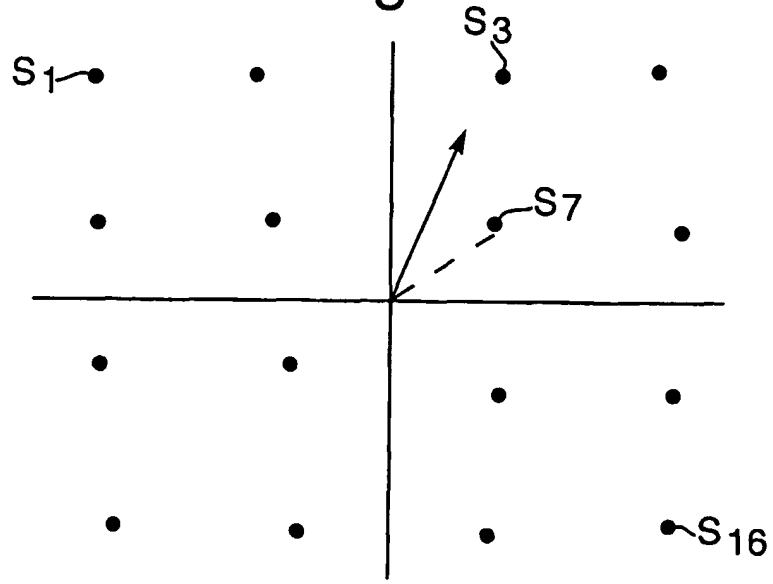

S1
S3
S7
S16

Fig.1b.

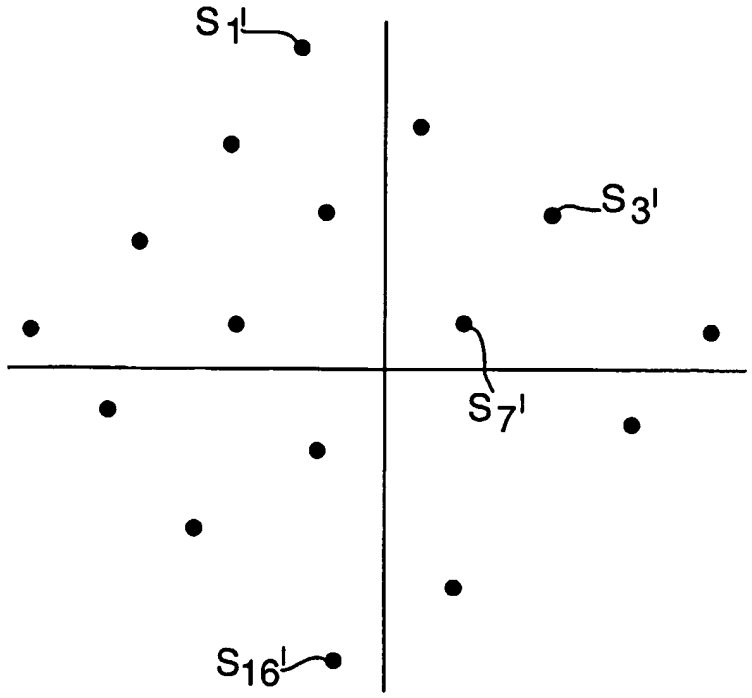

S1'
S3'
S7'
S16'

Fig.2.

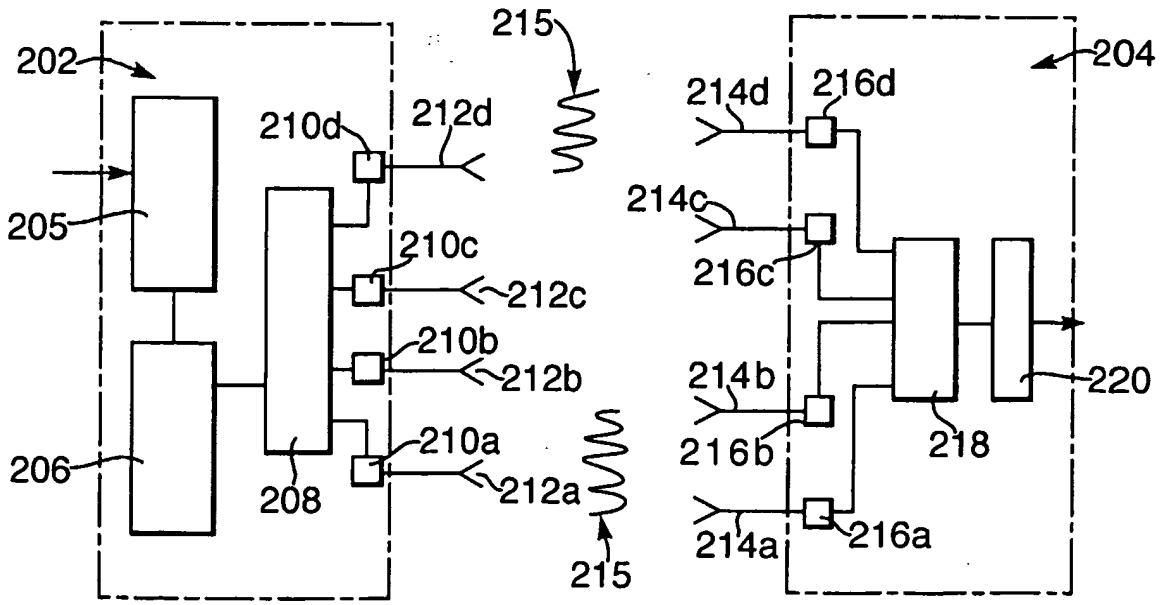

202
205
206
208
210d
212d
210c
212c
210b
212b
210a
212a
215
215
204
214d
216d
214c
216c
214b
216b
214a
216a
218
220

Fig.3.

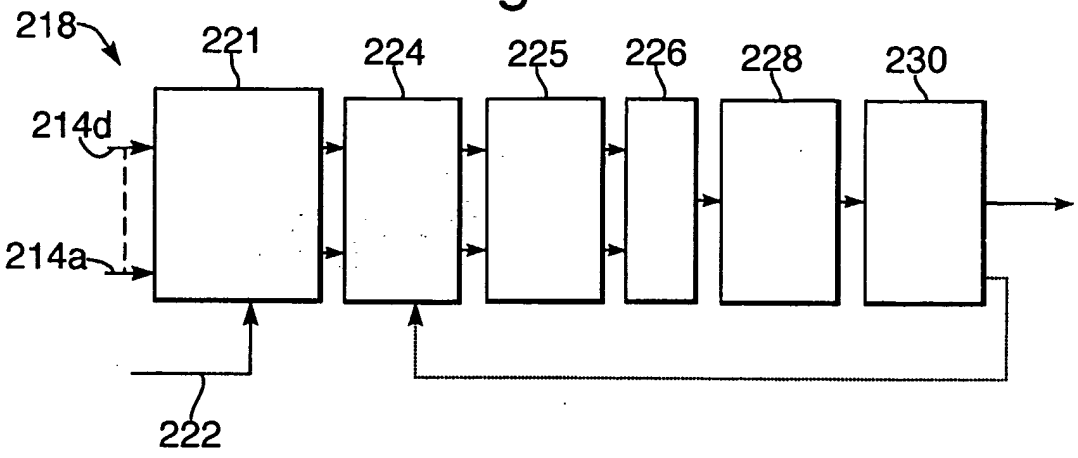


Fig.4a.

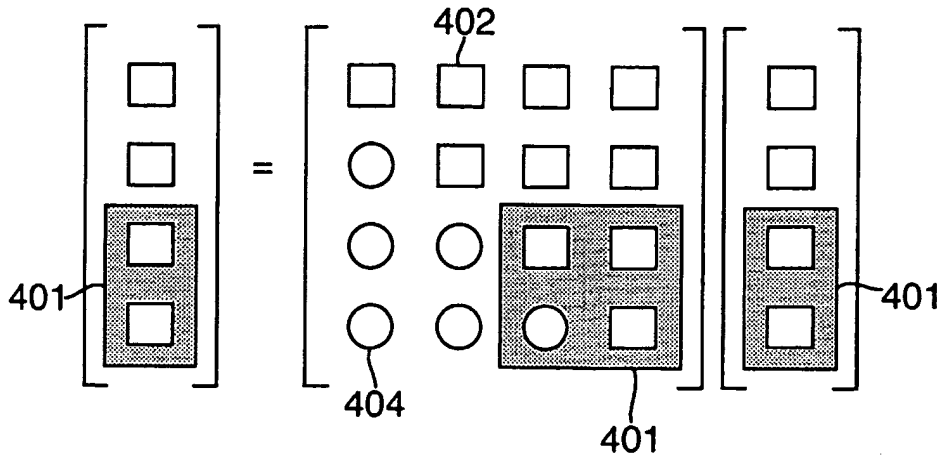


Fig.4b.

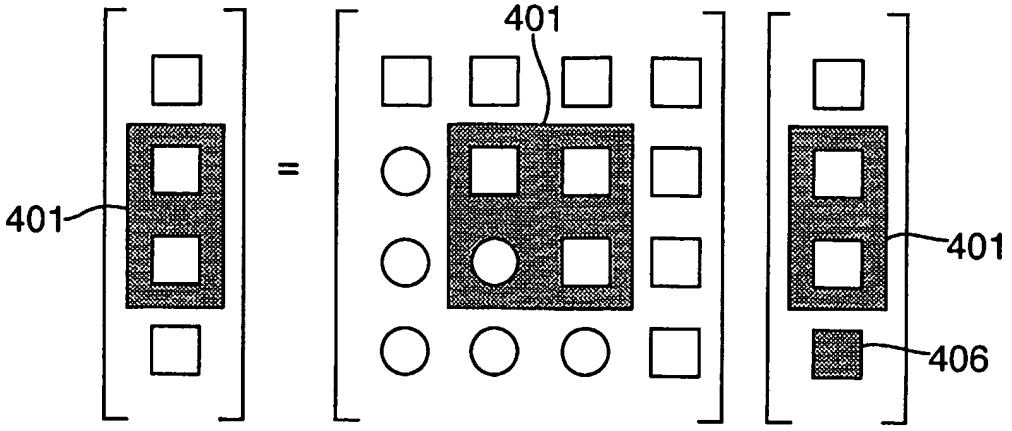


Fig.4c.

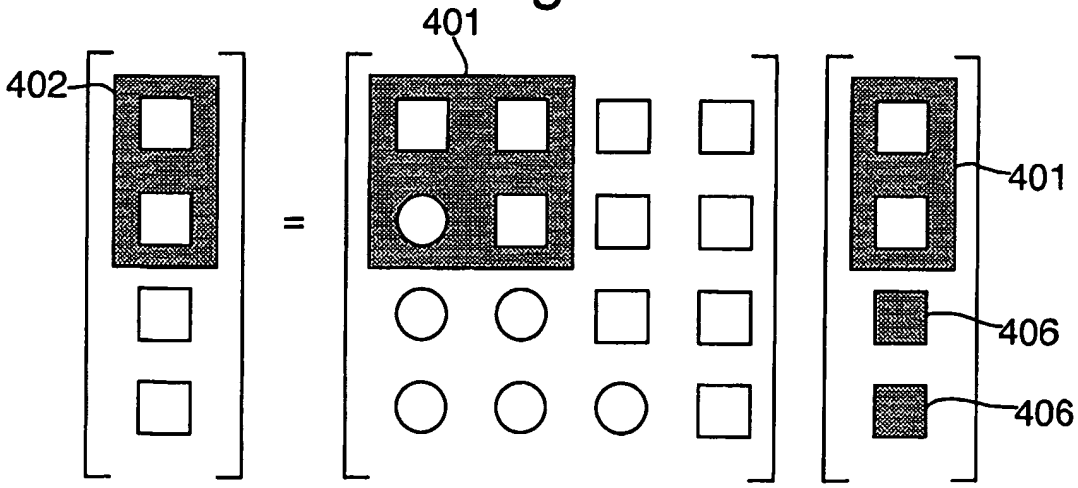
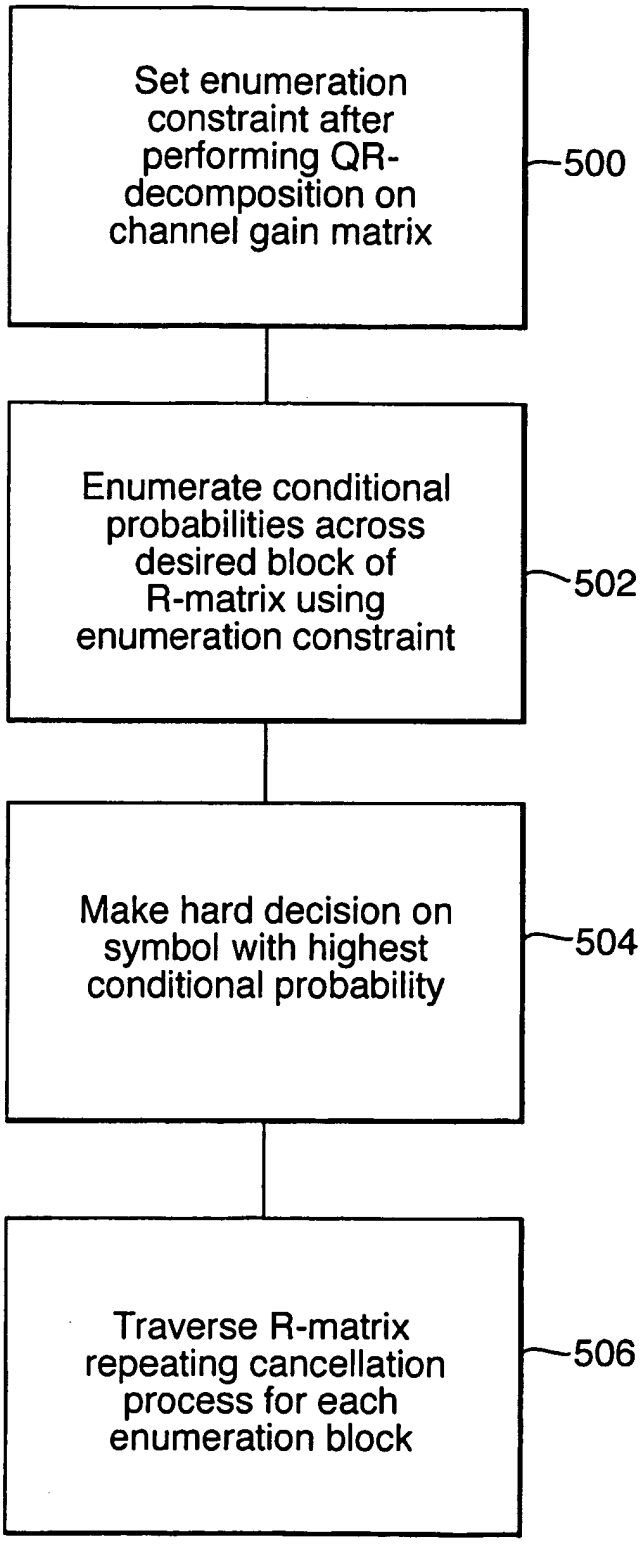


Fig.5.


Set enumeration constraint after performing QR-decomposition on channel gain matrix
500
Enumerate conditional probabilities across desired block of R-matrix using enumeration constraint
502
Make hard decision on symbol with highest conditional probability
504
Traverse R-matrix repeating cancellation process for each enumeration block
506